

Historic, Archive Document

Do not assume content reflects current scientific
knowledge, policies, or practices

T69R

RECEIVED

★ JUL 24 1930 ★

S. R. A.—B. P. I. 16

U. S. Department of Agriculture

Issued July, 1930

United States Department of Agriculture

BUREAU OF PLANT INDUSTRY

SERVICE AND REGULATORY ANNOUNCEMENT

ADULTERATION AND MISBRANDING OF SEED OF KENTUCKY BLUEGRASS

During the calendar year 1929 seed of Kentucky bluegrass was procured in the open market, in accordance with the act of Congress making appropriations for the United States Department of Agriculture, of which the following is a part:

Where such samples [seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market] are found to be adulterated or misbranded, the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale.

In carrying out the provisions of this act 525 mail samples and 107 purchased lots of seed in bulk were obtained. These were examined in the Seed Laboratory of the Bureau of Plant Industry, and publication is here made of the results of the analyses of the samples found to be adulterated or misbranded, together with the names of the persons by whom they were offered for sale. (Table 1.)

TABLE 1.—Results of tests of samples of seed obtained in the open market as Kentucky bluegrass seed and found to be adulterated or misbranded

| Seed offered for sale or sold as Kentucky bluegrass seed by— | | Seed obtained by— | Seeds and inert matter found upon analysis of sample | | | |
|--|--|-------------------|--|-----------------------|--------------------|----------------|
| Name of dealer | Address | | Kentucky bluegrass seed | Canada bluegrass seed | Other seeds | Dirt and chaff |
| Anderson & Spilman | Danville, Ky. | Purchase (bulk) | P. ct. 19.00 | P. ct. 52.70 | P. ct. 4.43 | P. ct. 23.87 |
| Clossman Hardware Co., The. | 619-623 Main Street, Zanesville, Ohio. | do. | .94 | 84.59 | 1.74 | 12.73 |
| Do. | do. | Mail (sample) | 2.02 | 82.23 | 4.04 | 11.71 |
| Davenport Seed Co., The. | Davenport, Iowa | Purchase (bulk) | 26.71 | 34.40 | 1.52 | 37.37 |
| Do. | do. | Mail (sample) | 3.12 | 60.59 | 3.55 | 32.74 |
| Duncan Seed, Hay & Grain Co. | St. Paris, Ohio | Purchase (bulk) | .43 | 86.24 | 2.38 | 10.95 |
| Do. | do. | Mail (sample) | 1.20 | 84.60 | 1.54 | 12.66 |
| Harnden Seed Co., The. | 505 Walnut Street, Kansas City, Mo. | Purchase (bulk) | 41.51 | ----- | ¹ 31.70 | 26.79 |
| Harris Seed Co., C. W. | Mattoon, Ill. | do. | .95 | 52.06 | ² 37.78 | 9.21 |
| Henderson-Reed Bros. Co., The. | 230-233 East Columbia Street, Fort Wayne, Ind. | do. | 28.22 | ----- | ³ 63.12 | 8.66 |
| Do. | do. | Mail (sample) | 1.10 | 83.58 | 3.29 | 12.03 |
| Hudson & Farnau (Inc.) | Lancaster, Ky. | Purchase (bulk) | 57.60 | ----- | ⁴ 12.59 | 29.81 |
| Do. | do. | Mail (sample) | 31.47 | 45.67 | 3.34 | 19.52 |
| Klass Seed Store, Percy. | Columbia, Mo. | Purchase (bulk) | 4.13 | 26.22 | ⁵ 36.35 | 33.30 |
| Do. | do. | Mail (sample) | 4.94 | 22.66 | ⁶ 44.21 | 28.19 |
| Money, T. F. | Willow Hill, Ill. | Purchase (bulk) | 4.25 | 26.32 | ⁷ 46.10 | 23.33 |
| Do. | do. | Mail (sample) | 5.29 | 28.18 | ⁸ 43.09 | 23.44 |
| Mosby Seed Co., John. | 110 South Front Street, Memphis, Tenn. | Purchase (bulk) | 4.16 | 75.75 | 1.36 | 18.73 |
| Platte Valley Seed Co. | Grand Island, Nebr. | do. | 63.72 | 12.05 | 1.82 | 22.41 |
| Do. | do. | Mail (sample) | 58.00 | 15.60 | .38 | 26.02 |
| Sheenhan, John A. | R. F. D. 4, Falmouth, Ky. | Purchase (bulk) | 31.51 | 38.36 | 1.71 | 28.42 |
| Do. | do. | Mail (sample) | 28.68 | 45.82 | 3.33 | 22.17 |

¹ Redtop, 28.96 per cent. ² Timothy, 19.71 per cent; redtop, 16.79 per cent. ³ Redtop, 33.11 per cent; Italian ryegrass, 17.97 per cent. ⁴ Timothy, 12.21 per cent. ⁵ Redtop, 17.03 per cent; timothy, 15.89 per cent. ⁶ Timothy, 29.28 per cent; redtop, 14.44 per cent. ⁷ Redtop, 17.88 per cent; timothy, 12.93 per cent. ⁸ Redtop, 17.28 per cent; timothy, 11.52 per cent.

Seed purchased from 13 firms was found to be adulterated or misbranded. Canada bluegrass seed was found in 19 lots, redtop in 7 lots, timothy in 6 lots, and ryegrass in 1 lot.

The Bureau of Plant Industry of the United States Department of Agriculture will continue to examine and report promptly as to the presence of adulterants and dodder in any sample of seed submitted for that purpose. According to the location of the sender, these samples may be submitted to the Seed Laboratory at Washington, D. C., or to any of the following laboratories maintained through the cooperation of this department: Cooperative Seed Laboratory, California State Department of Agriculture, Capitol Extension Building, Sacramento, Calif.; Cooperative Seed Laboratory, Oregon Agricultural College, Corvallis, Oreg.; Cooperative Seed Laboratory, Purdue University Agricultural Experiment Station, La Fayette, Ind.; Cooperative Seed Laboratory, Missouri Agricultural Experiment Station, Columbia, Mo.

Approved.

ARTHUR M. HYDE,
Secretary of Agriculture.

WASHINGTON, D. C., June 14, 1930.